

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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| Applicant:      | Corredoura, et al  |                            |
| Serial No.:     | 10/814,472   |                            |
| Filed:          | 3/29/2004  |                            |
| For:            | Digital Modulator Employing<br>a Polyphase Up-Converter<br>Structure |                            |
| Group Art Unit: | 2611   | Examiner: Bayard, Emmanuel |

**RESPONSE TO OFFICE ACTION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reply to the Final Action dated 9/14/2007, in the above-identified patent application, Applicant submits the following amendments and remarks. Applicant respectfully requests that the following amendments be entered into the above-identified application and that the Examiner reconsider the grounds for rejection stated in the Office Action. An RCE accompanies this response.